INSTALLATION GUIDE

Note: Please follow the guidelines in accordance with local requirements.

INSTALLATION NOTES:

- The installation details described herein are generic and may not reflect actual conditions for a specific site.
- For installation into 2x wood buck use #10 wood screws of sufficient length to achieve 1 ½ inch minimum embedment into wood substrate.
- For installation through 1x buck to concrete/masonry or directly into concrete/masonry, use 3/16 inch diameter itw tapcon of sufficient length to achieve 1 ¼ inch embedment.
- For installation through steel stud use #10 self-tapping screws of sufficient length to achieve 3 threads engagement into steel frame substrate.
- Recommended that anchors and associated hardware be made of corrosion resistant material or have a corrosion resistant coating.
- For hollow block and grout filled block, do not install installation anchors into mortar joints. Edge distance is measured from free edge or block or edge of mortar joint into face shell of block.
- Installation anchors shall be installed in accordance with anchor manufacturer's installation instructions.

PREPARE THE OPENING

- Using your level and square, determine that the three sides of the opening are in the same plane for proper installation.
- Common problems; the rough framed opening may be not be square, or the side walls may not be perpendicular to each other forming a parallelogram shape. Another condition to account for in the rough framed opening is twist.
- The proper adjustments can be made to the door unit as it is installed to compensate common problems, it is important that the door unit be installed level, square and within the rough framed opening wall for proper operation.

BEFORE INSTALLATION

- Before installation remove an packaging material that may be fastening the unit from standard operation.
- The floor area should be clean and dry, apply caulking to floor where threshold will rest.
- Do not remove threshold construction plate on threshold until the unit has been installed and all construction or remodeling is complete. The purpose of this construction plate is to prevent any damage while modifications are being made.

SETTING THE UNIT

- From outside of your home, center the door unit in the rough framed opening, pushing bottom corners and sides until trim is flush against outside wall. When centering unit in the rough framed opening, assure uniform spacing around the unit.
- Shim unit in place.
- Temporarily fasten the unit into place.

VERIFYING PROPER ALIGNMENT

- Assure that vertical jamb is flush against outside wall.
- Shim between jamb and rough framed opening to assure proper alignment. There should be uniform spacing between door and jamb on both sides and on top of the door. If adjustments need to be made to the unit, make necessary adjustments now.
- Be sure door sweeps contact threshold evenly.

FASTEN UNIT PERMANENTLY

- Please see the above notes recommended for installation based on the condition for the specific site.
- Once you have determined that the unit is properly aligned, permanently fasten the unit into place, see the above installation notes for materials to be used and anchor or screw locations.

COMPLETION STEPS

- Using manufacturers instructions install lockset hardware.
- Apply interior and exterior casing if desired. Note: exterior brickmould may be supplied depending on the unit.
- Using a high quality caulk, caulk around the entire frame.